

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY East Germany
SUBJECT Rocket Development at Altengrabow Spectrological Research Institute

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2. One of the chief projects of the Research Institute at Altengrabow is the development and testing of air defense rockets, upon order of the Soviet Control Commission. A small 82-mm airplane rocket, has already been developed. This rocket will penetrate tank armor up to 28 cm thick. It is a further development of a Soviet World War II model.
3. Further work is being done on automatic rockets and concerns a German development of World War II, which is no longer in use. [] this is the automatic R 55, which fires 400 rockets, 55 m per minute. The speed of the rockets is 800 meters per second. These rockets are launched from airplanes and are not guided; they have proximity fuses and collapsible wings. The manufacture will be carried out only in the Soviet Union, but single parts will be made in SAG works in East Germany.
4. [] additional training in the Soviet Union, in order to work in cooperation with Soviet specialists in the further development of the German Henschel rockets. The HS 293 control has been modernized and is now steered by ultrashort wave. It can also be used on ships, with radar control. For this use, the velocity was increased, since the bursting charge was reduced by 300 kg, and the driving power increased. A liquid fuel rocket is used in place of the old binary power mechanism.
5. The HS 298 has been completely readapted. The control is provided with a computer and is steered by radio beam.

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25 YEAR RE-REVIEW

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